

III. REMARKS

Claims 6 and 30 have been amended to better conform to U.S. practice.

Claims 1-2, 4, 7-11, 13, 15-16, 19, 21-28, and 30-32 are not unpatentable over Harris in view of Barkat.

Claim 1 has been amended to recite "...circuitry within the housing configured to detect a type of keypad attached to said housing..." and "...the circuitry detects a first electrical resistance...". These limitations are supported by page 10, lines 16-17; page 11, lines 3-4; page 11, line 32,-page 12, line 1; page 12, lines 4-5; page 14, line 33,-page 15, line 1; page 15, lines 4-5. These limitations positively recite the detecting the keypad resistance feature and thus must be given patentable weight.

As previously pointed out, even if Harris is somehow combined with Barkat, the result is using electrical resistance to detect what type of cable accessory, hands-free accessory or desk-top charger accessory is connected. There still is no detection of what type of keypad is attached to the housing as recited in claim 1. Hence, even if the references are combined, the result is not the claimed invention.

Applicants again state that the problem solved by Barkat (powering an accessory) is so different from the problem solved by the present invention (minimizing the number of connector pins), that it is improper to combine Barkat with Harris in the first place to solve the problem presently solved.

For both of the above reasons claim 1 is patentable. The independent claims 9, 15, 21 and 23 now also have similar limitations; thus they are also patentable. Claim 25 is directed to a keypad having an electrical resistance indicative of the type of the keypad, which is not shown in the references even when taken in combination as pointed out above.

Hence the rejection of claims 1-2, 4, 7-11, 13, 15-16, 19, 21-28, and 30-32 should be withdrawn.

Claims 5-6, 20, and 29 are not unpatentable over Harris in view of Barkat, and further in view of Parker.

Parker does not illuminate a keypad as recited in claims 5, 20 and 29, but has a display indicator 108. It is respectfully submitted that such an indicator does not illuminate a keypad as stated by the Examiner. Thus combining Parker with Harris and Barkat does not result in the invention of claims 5-6, 20 and 29. Thus these claims are patentable for this reason in addition to those given for the independent claims.

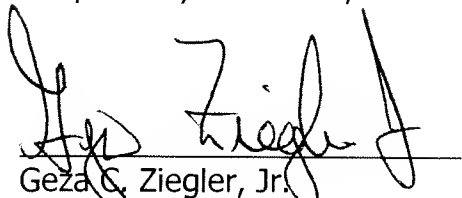
Claim 14 is not unpatentable over Harris in view of Barkat and further in view of White.

White fails to disclose measuring keypad resistance. Thus combining it with Harris and Barkat does not result in the invention of claim 14.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment of \$790.00 for the "RCE" fee as well as for any other fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


Geza C. Ziegler, Jr.
Reg. NO. 44,004

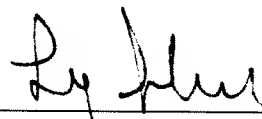
21 July 2006
Date

Perman & Green, LLP
425 Post Road
Fairfield, CT 06824
(203) 259-1800
Customer No.: 2512

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being deposited transmitted electronically, on the date indicated below, addressed to the Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 21 July 2006

Signature: 
Lisa Shimizu
Person Making Deposit